

73049-400

12/10/2012

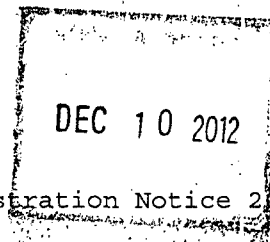
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Nasser Assaf, Ph.D.
Valent BioSciences
870 Technology Way, Suite 100
Libertyville, IL 60048



Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Dr. Assaf:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated November 20, 2012 for the product:

Py Butacide® 163

Reg. No. 73049-400

The Registration Division (RD) has conducted a review of this request for applicability under PR Notice 2007-4 and finds that the label change(s) requested falls within the scope of PRN 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

A handwritten signature in dark ink, appearing to read "Richard J. Gebken", is written over a large, stylized lowercase letter "f" that serves as a signature flourish.

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7504P)



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-400	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Py Butacide 163	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. DEC 10 2012 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification of label change per PR-Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4, and the requirement of EPA regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 153.156. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the terms of 40 CFR 153.10, 156.140, 156.144, 156.146, and 153.156 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

-Revise Storage & Disposal Statements in Compliance with PR Notice 2007-4, Addition of instructions for containers with NO dilutable instructions
-No other changes have been made to the label other than those clearly marked.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Nasser A. Assaf, Ph.D		Title Manager, Product Safety and Regulatory Affairs		Telephone No. (Include Area Code) (847) 963-4788 email: na_ser.asa:1@valent.com	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature NAASSAF		3. Title Manager, Product Safety and Regulatory Affairs			
4. Typed Name Nasser A. Assaf, Ph.D		5. Date November 20, 2012			

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870 TECHNOLOGY WAY
LIBERTYVILLE, IL 60048 - 800-323-9597

November 20, 2012

Document Processing Desk (NOTIF)
Registration Division
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

ATTN: Richard Gebken
Product Manager 10
Insecticide Branch

SUBJECT: APPLICATION FOR PESTICIDE LABEL NOTIFICATION – No PRIA Service Fee Required
Submission of Revised Labeling Per:
- PR-Notice 2007-4, Container Disposal
Py Butacide 163, EPA Reg. No. 73049-400

Dear Mr. Gebken:

This application for label notification for the above subject product is being submitted to comply with the PR Notice 2007-4, Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment Revision of Container Disposal, changes are clearly marked.

Py Butacide 163 may be sold as a dilutable or non-dilutable product. We have added container disposal instructions for the containers with no dilutable instructions. The proposed instructions that have been added for the non-dilutable product have previously been submitted and accepted by the Agency, November 23, 2010. Within the DCI process, the non-dilutable instructions were lost in the overlapping of labels.

Two (2) copies of revised draft labeling with changes clearly marked are enclosed. Additions are noted in underlined italics. Deletions (if present) are shown struck through.

If you need additional information or have any questions regarding this submission, please do not hesitate to contact me at (847) 968-4844 or e-mail to: Nasser.assaf@valent.com.

Sincerely,

A handwritten signature in black ink, appearing to read "NAASSAF".

Nasser A. Assaf, Ph.D.
Manager, Product Safety and Regulatory Affairs

Enclosures

cc: VBC Regulatory File

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Py Butacide® 163

- *[For Use Indoors As A ULV, Space, Area, Contact Spray Or Thermal Fog For Listed Insects]*
- *Effective And Fast Acting*
- *Provides Flushing Action And Quick Knockdown For Indoor Use As A ULV, Space, Area Or Contact Spray*
- *Temporary Reduction Of Flying Insects]*

ACTIVE INGREDIENTS:

Pyrethrins..... 3.0%

Piperonyl Butoxide *..... 6.0%

N-octyl bicycloheptene dicarboximide**..... 10.0%

OTHER INGREDIENTS*:**..... 81.0%

100.0%

*(butyl carbityl)(6-propylpiperonyl) ether and related compounds

**MGK-264 Insecticide Synergist

*** Contains Petroleum Distillates

EPA REG. NO. 73049-400

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN

CAUTION**NOTIFICATION**See Side/Back Panel For Additional Precautions **DEC 10 2012**

FIRST AID	
If Swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

NET CONTENTS:**LOT NUMBER:**

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PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals**CAUTION**

Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers, must wear the following:

- Long-sleeved shirt
- Long pants
- Shoes plus socks

In addition to the above PPE, mixers and loaders and/or applicators using high-pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval prefix TC-21C or any N, R, P, or HE filter.

In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face or full face or hood style NIOSH approved respirator with a dust/mist filtering cartridge with MSHA/NIOSH approval number prefix TC-21C, or a cartridge or canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a cartridge or canister with any N, R, P, or HE filter.

User Safety Requirements:

- Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety recommendations:

- User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

[Containers equal or greater than 5 gallons or 50 lbs:]

[Environmental Hazards]

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.]

Physical and Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not apply when food, feed, and/or water is present.
- Do not contaminate food or feedstuffs.
- Do not use in aircraft cabins.
- Not for use in outdoor residential misting systems.
- Do not use in greenhouses where plants are grown for food.

- For surface spray use: Except when applying to donkeys, horses, ponies, and mules, do not enter or allow others to enter until sprays have dried. Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed and the treated area has been thoroughly ventilated.
- For Space spray applications: {excluding meter release devices} Do not enter or allow others to enter until sprays have dispersed and the treated area has been thoroughly ventilated. Do not remain in treated area. Exit area immediately and remain outside the treated area until sprays have dispersed.
- Except when applying to donkeys, horses, ponies, and mules, do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during applications.
- Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.
- Remove pets, birds and cover any water inhabited by fish (such as aquariums and ornamental fish ponds) before spray application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- In food/feed handling facilities, do not make space spray applications when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment before use. Do not apply more than 1 time per day.
- When used in a metered release device: Not for use in Residential areas. Do not use in nurseries or rooms where infants, ill or aged persons are confined. Do not place metering device directly over or within 8 feet of exposed food, dishes, utensils, food processing equipment and food handling or preparation. Do not install within 3 feet of air vents. Carefully follow directions for the dispenser unit and when replacing cans or conducting maintenance.
- When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.
- When applying via a remote application device, do not apply when people and pets are present.
- Do not use in an evaporative cooling system.
- If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: This container holds ___ parts [product name] to ___ parts water.
- If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container with a weather protected area or plastic sleeve.
- [For indoor agricultural premises, commercial animal housing and equipment and direct application to non-domestic animals/livestock (non-food livestock only): Do not apply more than 1 time per day.]
- [When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.]
- Food stored in bags: Direct application to food contact surfaces is prohibited.

GENERAL: This concentrate is designed for use undiluted in mechanical sprayers which give particles of aerosol size. It can be diluted with refined kerosenes, which meet Food Additive Regulations as defined by CFR Title 21, 172.884, and applied in fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill listed crawling insects shown on this label.

INDOOR AREAS for use in and around:

Animal areas & quarters, animal shelters, animal control centers, apartments, arcades, attics, auditoriums, bakeries, beverage plants, bars, basements, bathrooms, boats, bottling plants, breweries, brewery warehouses, buildings, buses, cabins, cabinets, cafeterias, campers, canneries, churches, city missions, circus tents, closets, club houses, commercial buildings, communication centers, condominiums, concession stands, court houses, crawl spaces, crematoriums, day care centers, delicatessens, department stores, diners, dog houses, drug stores, dumpsters, dwellings, egg processing plants, factories, freight containers, fruit packing sheds, funeral parlors, garbage bins, garbage cans, garbage compactors, garbage trucks, gas stations, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, homes, horse stables & barns, horse trailers, hospices, hospitals, hotels, indoor eating establishments, industrial installations, institutional dining areas, institutions, jails, kennels, laboratories, laundromats, lavatories, libraries, liquor stores, locker rooms, marinas, mausoleums, meat packing plants, mess halls, mini-storages, mobile canteens, mobile homes, morgues, mortuaries, motels, movie theaters, museums, nursing homes, office building, other public buildings, parking garages, pool halls, prisons, public storage, railroad cars, recreational vehicles, research animal quarters, restaurants, retail stores, rice mills, schools, ships, ship holds, smoke shops, sports stadiums, stables, storage bins (areas), stored food in multi-walled paper or cloth bags, stores, supermarkets, taverns, textile mills & warehouses, theaters, tobacco factories, tobacco warehouses, tool sheds, trains, transportation equipment, trucks,

truck trailers, tunnels, utilities, utility rooms, false ceilings, vending machines, veterinary hospitals, wall & equipment voids, warehouses, washrooms, wholesale stores, wine cellars, wineries and zoos.

TO KILL OF THE FOLLOWING INSECTS:

Almond Moths, Angoumois Grain Moths, Ants, Black Fly, Boxelder Bugs, Brown Dog Ticks, Cadelles, Carpet Beetles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cockroaches, Coffee Bean Weevils, Confused Flour Beetles, Crickets, Dark Mealworms, Darkling Beetles, Dermestid Beetles, Dried Fruit Beetle, Drugstore Beetles, Earwigs, Face Fly, Firebrats, Flat Grain Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Indian Meal Moths, Khapra Beetles, Lesser Grain Borers, Lesser Housefly, Mediterranean Flour Moths, Merchant Grain Beetle, Midges, Miller Moths, Millipedes, Mosquitoes, Flying Moths, Palmetto Bugs, Pillbugs, Red Flour Beetles, Rice Flour Beetles, Rusty Grain Beetles, Saw-Toothed Grain Beetle, Silverfish, Skipper Fly, Spiders, Spider Beetles, Stable Flies, Sowbugs, Ticks, Ticks That May Carry and Transmit Lyme disease, Tobacco Moths, Warehouse Beetles, Wasps, Waterbugs, Yellow Jackets, Yellow Mealworms.

INDOOR USE - UNDILUTED

ULV AND SPACE SPRAY: Use in aerosol generators to kill exposed accessible stages of: *Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants* and the following common stored product pests: *Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Mealworms, Dark Mealworms, Grain Mites, Cadelles and Red Flour Beetles.* Remove or cover exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at a rate of 0.18 fluid ounce undiluted concentrate per 1,000 cubic feet of space. Direct spray toward upper corners of room and ceiling. Close off treated area for at least 30 minutes. Do not apply this undiluted spray in facilities operating under USDA Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs.

CONTACT AND SPACE SPRAY: TO KILL *Cockroaches, Silverfish, Earwigs, Ants, Spiders,* use a mechanical aerosol generator or a fogger. Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Apply at a rate not to exceed 9.3 oz per 1000 sq. ft. of surface. Contact as many insects as possible. Do not allow spray to contact stored food. Then treat as a space spray. Apply at a rate of 0.18 fluid ounce per 1,000 cubic feet of space. Close off area for at least 30 minutes. Do not apply this undiluted spray in facilities operating under USDA Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs.

NOTE: If there is a need to treat such areas as conduits, motor housings, junction and switch boxes or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for oil to dissipate before starting motors or placing switches in the "ON" position.

Treatment of Stored Food Areas: Foods in multi-walled, cloth bags or other packaging in storage to kill accessible adult stages of, but not limited to, *Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetle* and other listed pests. Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods hitting as many insects as possible at a rate not to exceed 9.3 oz per 1000 sq. ft. of surface. Then apply as a space spray at a dosage of 0.18 ounce per 1,000 cubic feet of room space. Close off treated area for at least 30 minutes.

On Peanuts, Nuts, Beans (including cocoa), Seed and Copra in Bags or Other Packaging: To kill accessible stages of *Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles* and other listed insects. Spray walls, floors and other surfaces, storage and handling areas at a rate of 1.85 oz per 1000 sq. ft. of surface, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at the rate of

0.18 ounce per 1,000 cubic feet of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

CONTACT AND SPACE SPRAY - TO KILL *Cockroaches*: Using an appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevices to completely fill wall, equipment and other small structural void areas.

INDOOR USE - DILUTED

SPACE SPRAY: For use in mechanical fogging, thermal fogging or spraying equipment to kill accessible stages of *Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils and Khapra Beetles*. Close room and shut off all air conditioning or ventilating equipment. Dilute concentrate with a white mineral oil conforming to Regulations at 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182 at the rate of one part concentrate to two parts oil and mix well. Apply at a rate of 0.6 fluid ounce per 1,000 cubic feet of space, filling the room with mist. Close off treated area for at least 15 minutes.

Dried Fruit Products in storage or being processed, to kill *Confused Flour Beetles, Dried Fruit Beetles, Indian Meal Moths* and *Saw-Toothed Grain Beetles*: Remove and destroy infested products. Dilute concentrate with oil at a rate of 1 part concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use 1/2 ounce per 1,000 cubic feet of space. Repeat application at the dosage in any given month. Sweep up and destroy fallen insects.

Non-Domestic/Livestock Animal Housing Use (Animals NOT present): For use in cattle barns, horse barns, poultry houses, swine houses & zoos to kill *Flies, Mosquitoes, Small Flying Moths* and *Gnats*: Dilute 1 part concentrate with 29 parts oil (refined Kerosene or Deo-base Kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1,000 cubic feet. Direct spray toward the upper portions of the enclosure filling the room with mist. Close off treated area for at least 15 minutes.

Zoos: As a space spray diluted for use in conventional mechanical fogging equipment to kill *Flies, Gnats, Mosquitoes, Small Flying Moths*, dilute 1 part concentrate plus 29 parts oil (refined Kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with mist. Close off and vacate treated areas for at least 15 minutes and thoroughly ventilate before reoccupying.

SURFACE SPRAY: To kill accessible stages of: *Ants, Drugstore Beetles, Earwigs, Cockroaches, Silverfish, Beetles, Boxelder Bugs, Clover Mites, Crickets* and other listed insects, dilute 1 part concentrate plus 29 parts suitable diluent, mix well and apply as a coarse wetting spray using approximately 53 ounces of spray mixture per 1000 square feet of surface. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and other surfaces, around the base of heavy machinery and equipment, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks and water pipes, around the base of heavy machinery and equipment contacting as many insects as possible. *Ants*: Spray directly into nests, along trails and directly on all ants observed.

For Use In Transit Protection: To kill accessible stages of listed insects, clean and spray truck beds, boxcars, ship's holds and other listed transit equipment before loading. Thoroughly treat walls and floors. Spray each layer of cartons or containers lightly as stacked. Apply diluted spray at a rate of 53 ounces per 1,000 square feet.

CONTACT SPRAY: Diluted for use with sprays that give large wetting spray particles to kill *Cockroaches* and accessible stages of granary insects: *Cadelles, Confused Flour Beetles, Grain Mites, Granary Weevils, Meal Moth Larvae and Adults, Red Flour Beetles, Rice Weevils and Saw-Toothed Grain Beetles*. Cover or remove exposed food and close room as described above. Dilute concentrate with oil at a rate of 1 part concentrate plus 29 parts of oil or 4.5 ounces per gallon and mix well. Spray outside walls of grain bins, flooring, around the base of milling machinery, walls and baseboards, areas behind cabinets, around pipes and other insect harborages using 53 ounces of spray per 1,000 square feet of space. Force spray into all cracks and crevices.

Stored Food: (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, warehouses to kill *Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Skippers, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-Toothed Grain Beetles, Yellow Mealworms*. Remove and destroy infested

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products. Dilute concentrate with oil at a rate of 1 part concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. Treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of 1/2 fluid ounce per 1,000 cubic feet of space. Close off treated areas for at least 30 minutes. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

For Use on Non-Domestic/Livestock Animals (non-food livestock only): To protect donkeys, horses, ponies, mules from *Horn Flies*, *Stable Flies*, *Houseflies*, *Mosquitoes* and *Gnats*, dilute 1 part of concentrate with 29 parts oil (deobase Kerosene) and mix well. Apply a light mist at a rate of 1.3 ounce per adult animal, sufficient to wet the tips of the hair, but not to the point of runoff or drip.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store product in original container in a cool, dry, area away from heat or open flame.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

{Containers with NO dilutable instructions} Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

{Containers that include dilutable instructions} Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

[5 gallons or less]

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with refined kerosene [diluent] and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[Greater than 5 gallons/50 lbs.]

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with refined kerosene [diluent]. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

IMPORTANT: READ BEFORE USE

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